METHOD AND APPARATUS UTILIZING SPEECH GRAMMAR RULES WRITTEN IN A MARKUP LANGUAGE

ABSTRACT OF THE DISCLOSURE

The present invention provides a method and apparatus that utilize a context-free grammar written in a markup language format. The markup language format provides a hierarchical format in which grammar structures are delimited within and defined by a set of tags. The markup language format also provides grammar switch tags that indicate a transitions from the context-free grammar to a dictation grammar or a text buffer grammar. In addition, the markup language format provides for the designation of code to be executed when particular grammar structures are recognized from a speech signal.